

Notice of Allowability

Application No.

10/773,546

Examiner

Phuongchi Nguyen

Applicant(s)

WU, JERRY

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1, 9 and 16.
3. ☒ The drawings filed on 06 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

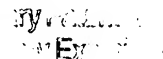
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____



By: 
Date: _____

EXAMINERS AMENDMENT AND REASONS FOR ALLOWANCE

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Wei Te Chung on February 3, 2005.

2. The application has been amended as follows:

- Claim 1, last line, the period has been changed to a semicolon and the following paragraphs have been inserted thereafter:

-- wherein the pair of flanges and the pair of ears all extend from the opposite ends of the base along the longitudinal direction;

wherein each ear defines a cutout at a free end thereof;

wherein the base includes a protrusion and a bulge on a bottom face thereof adapted for engaging with opposite first and second faces of a bridge connected between the mounting wings;

wherein the housing comprises a pair of guiding members forwardly extending from the base proximate to two sides of the mating portion, respectively;

wherein a cable electrically connecting with the terminals;

wherein a spacer defining a plurality of slots, and wherein the insulative housing has a mating face and a terminating face opposite to the mating face and defines a cavity extending

Art Unit: 2833

from the terminating face toward the mating face to receive the spacer, the terminals comprising insulation displacement sections respectively protruding through the slots of the spacer;

wherein a cover assembled to a rear of the insulative housing, the cover defining a plurality of grooves receiving the insulation displacement sections of the terminals.--

- Claim 9, last line, the period has been changed to a semicolon and the following paragraphs have been inserted thereafter:

-- wherein the mounting wing in which the mounting hole is defined is formed with a post on a front side thereof, the mounting hole extending from a front face of the post through a rear side of the mounting wing;

wherein the panel includes a bridge connecting the spaced mounting wings adjacent a lower position thereof;

wherein the base includes a protrusion and a bulge on a bottom face thereof respectively engaging with opposite first and second faces of the bridge;

wherein the other mounting wing defines a keyway in an inner side adjacent the bridge, and the base is formed with a key received in the keyway;

wherein the mounting wings and the bridge are bent upwardly from the body of the panel to be perpendicular to the body;

wherein the housing comprises a pair of guiding members forwardly extending from the base proximate to two sides of the mating portion, respectively. --

- Claim 16, last line, the period has been changed to a semicolon and the following paragraphs have been inserted thereafter:

-- wherein said first and second wings are essentially perpendicular to the main body,
and a mating direction of the housing device is parallel to said direction;

wherein said first and second wings are split from a central portion of the main body
and thus leaving an opening therein;

wherein said first retention piece is a keyway and said portion of the housing device is
a key. --

✓
_ Delete claims 2-8, 10-15 and 17-24.

3. The following is an examiner's statement of reasons for allowance:

In regard to claims 1, and 9, none of prior art of record discloses or teaches all of the specifics of the cable assembly comprising a pair of flanges and a pair of ears located at opposite ends of the base, a protrusion and the bulge, a bridges connected to the mounting wings, a spacer defining a plurality of slots, and a cavity extending from the terminating face to receive the spacer, the terminals comprising insulation displacement sections respectively protruding through the slots of the spacer and a plurality of grooves on the cover to insulation displacement sections of the terminals.

In regard to claim 16, none of prior art of record discloses or teaches all of the specifics of a cable assembly comprising a pair of retention pieces on the pair of the mounting wings; the two slots for the two mounting wings, a first retention piece prevent the housing move away from the housing, the second retention piece fastening the housing to the second wing; a first and second wings are perpendicular to the main body; and the two slots restricting the movement of the housing device relative to the panel in a direction perpendicular to the wings.


4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchi Nguyen whose telephone number is (571) 272-2012. The examiner can normally be reached on 8:00AM-4:00PM.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PCN

February 4, 2005.


Gary K. Poon
Patent Examiner